



William Morgante, PWS  
Wetlands Administrator

State of Maryland  
**Board of Public Works**

Wetlands Administration  
Post Office Box 1510  
Annapolis, Maryland 21404  
410-260-7791  
Fax: 410-974-5240  
Toll Free: 1-877-591-7320

Larry Hogan  
Governor  
Nancy K. Kopp  
Treasurer  
Peter Franchot  
Comptroller  
Sheila C. McDonald  
Executive Secretary

July 26, 2018

TO: Tradepoint Atlantic  
And Persons Interested in the Subject Application  
for a State Wetlands License

RE: Tidal Wetlands Case No. 13-0966(R2)

You are receiving this letter because the Maryland Department of the Environment (MDE) has identified you as an interested person with respect to Tradepoint Atlantic's application to modify its State tidal wetlands license. Tradepoint Atlantic seeks authorization from the Board of Public Works to perform mechanical dredging to restore operational depths to existing ship berthing and access channel areas that connect to the Patapsco River in Baltimore.

MDE has prepared a Report and Recommendation for the Board of Public Works that recommends granting the application. A copy of it is enclosed with this letter for your review. If you take exception and would like your comments taken into account by the Board of Public Works, you must notify this office no later than **August 24, 2018**. (COMAR 23.02.04.08B(3)).

Written comments should be sent to: William Morgante, Wetlands Administrator  
Maryland Board of Public Works  
80 Calvert Street, Room 117  
Annapolis, MD 21401 or to  
bill.morgante@maryland.gov

After the deadline, we will notify you of the date of the Board of Public Works meeting at which the application is scheduled to be considered and let you know how to request a personal appearance at the Board meeting, if you desire. The Board meeting date to review this application is not currently set. (COMAR 23.02.04.09.)

Sincerely,

William Morgante  
Wetlands Administrator

Enc. MDE Report & Recommendation

**WATER AND SCIENCE ADMINISTRATION  
TIDAL WETLANDS DIVISION**

**Wetland Report and Recommendation**

State Wetlands Case No: 13-WL-0966(R2)



**Applicant:** Trade Point Atlantic  
1600 Sparrows Point Blvd  
Sparrows Point, Maryland 21219  
443-649-5055

**Agent:** NMP Engineering Consultants, Inc (NMP)  
11350 McCormick Rd, Exec Plaza I, 6th Fl  
Hunt Valley Maryland 21031  
410-771-9808 x107

**Date Application Received:** May 9, 2017

**Public Notice Required?** Yes

**Public Informational Hearing:** Yes, December 14, 2017

**Comment Period Closing Date:** December 29, 2017

**Maryland Coordinates:** 171662 x 444654

**Book Map Coordinates:** Baltimore City & Co. ADC Map Num: 46 Ed: 28 Coord: 12 G

**Location of Proposed Work:** The project is located on the Patapsco River, Sparrows Point Terminal, 1600 Sparrows Point Boulevard, Baltimore County, Maryland.

**Purpose of Proposed Work:** The purpose of this project is to improve navigable access to the Sparrows Point Terminal.

**Description of Authorized Work:** : Modify an existing Wetland License to include additional mechanical dredging to restore operational depths of existing ship berthing and access channel areas connecting to the Patapsco River. The project will have two phases.

**Phase I:** Obtain up to 100 offshore sediment borings within the approach channels, turning basin, berthing area and adjacent areas for geotechnical investigation and material analysis.

**Phase II:**

1. Maintenance dredge a 4,210-foot long by 800-foot wide (53.6 acres) access channel and berthing area to a depth of 47 feet below mean low water.
2. Maintenance dredge 4,465-foot long by 250 to 300-foot wide (29.6 acres) approach channel to a depth of 42 feet below mean low water.
3. Maintenance dredge a 1,975-foot long by 2,550-foot wide (48.1 acres) turning basin and berthing area to a depth of 42 feet below mean low water.
4. Transport via barge approximately 1,000,000 total cubic yards of dredged material to the Masonville or Cox Creek Dredged Material Containment Facility.
5. Provide periodic maintenance dredging over a three year period.



Per the attached revised plans dated April 2, 2018.

**Requires Water Quality Certification?:** Yes, the WQC will be issued by MDE.

**Qualifies for Maryland State Programmatic General Permit?:** No, the United States Army Corps of Engineers alternate review and issuance of permit is required.

**Area of Vegetated Wetland Impacts:** 0 square feet.

**Area of Wetlands Created:** 0 square feet.

**Was the Applicant's Original Project Modified?:** This is a modification of an existing permit. The proposed modification increase the dredge area from 9.6 acres to 131.3 acres, the maximum depth from 44 to 47 feet, and the amount of material to be removed from 70,000 cubic yards to 1,000,000. The dredge area does not impact Submerged Aquatic Vegetation (SAV), oyster habitat or other sensitive resources and is maintenance of previously dredged channels, turning basin and berthing areas, so further minimization is unnecessary.

**Department Comment:** This project is the second modification to the original Wetland License approved on May 20, 2014. The first modification allowed a three year extension of time to May 20, 2020 and identified a transfer of ownership to Trade Point Atlantic, (Attachment "A"). Due to the increase in area and the amount of material to be dredged, this proposed modification was advertised in the Baltimore Sun.

As required by § 5-204 (b) of the Environment Article, the Department drafted and issued a public notice by posting the public notice on its WEB site from September 1, 2017 to October 1, 2017 and publishing the public notice for the proposed project modification in the Baltimore Sun on September 9, 2017. In addition, the public notice was provided to adjacent property owners listed below:

Sparrows Point Shipyard LLC, 40 Shawmut Road, Suite 200, Canton MA 02021  
Chesapeake Life LLC, 2533 School House Lane, Baltimore, MD 21219  
Frank Weber, 2716 Lodge Forest Drive, Baltimore, MD 21219  
Sparrows Point Country Club Inc., 919 Wise Avenue, Baltimore, MD 21222

The Maryland Department of the Environment received a request for a Public Informational Hearing from two interested parties; Russell Donelly and the Chesapeake Bay Foundation/Blue Water Baltimore. The Informational Hearing was advertised in the Baltimore Sun on November 21, 2017 and the Dundalk Eagle on November 23, 2017 and conducted on December 14, 2017.

The main concerns of the interested parties:

- Sediment characteristics, contamination from previous industrial site operations.
- Dredge material removal and possible impacts on water quality.
- Amount of material to be dredge and capacity of existing containment facilities.

Please see the attached Public Informational Hearing Report and list of meeting attendees (Attachment "B") and the Hearing Minutes (Attachment "C") for specific details.

The applicant agreed to proceed with this proposal in phases to reduce the public concerns about the project.

- Obtain sediment samples from the proposed area to be dredged and adjacent areas of concern and submit the material for lab analysis.
- Once the analysis has been completed and the scientific report created. Trade Point Atlantic would forward the document to MDE and The Maryland Port Administration (MPA) for review.
- If the report analysis concludes that the material is acceptable to MPA for placement in either the Cox Creek or Masonville dredge containment facility, the applicant would proceed to dredge in accordance with the attached MPA dredge acceptance letter (Attachment "D").
- During the mechanical dredge operation the applicant proposes to use an environmental bucket that will reduce sediment release into the water column.

The Maryland Department of Natural Resources (DNR) reviewed this project and determined that there is a presence of migrating yellow perch in the area and recommend no dredging shall be conducted during the period of February 15<sup>th</sup> through June 15<sup>th</sup> of any year.

The Maryland Historical Trust reviewed the proposed project and determined that there are no historic properties affected by this undertaking.

After the conclusion of the Public Informational Hearing staff received formal written comments from interested parties on the proposed project and the applicant has responded to those comments. These comments and TPA's responses are compiled in Attachment "E".

Upon consideration of information submitted by the Applicant as well as commenter's, the MDE Tidal Wetland Division supports this proposed project, to be conducted in phases:

- The applicant shall first obtain sediment samples and conduct an independent lab analysis.
- Once the analysis has been completed, submit the scientific analytical report to MDE staff and MPA.
- Provide adequate time for review and comment.
- If the sediment analysis is determined to be adequate and the material has been deemed to meet the MPA criteria for acceptance for placement in either the Cox Creek or the Masonville dredge containment facility, proceed with the actual proposed dredge operation.

The evaluation of this project has taken into account ecological, economic, recreational, developmental, and aesthetic considerations appropriate for this proposal as well as other requirements set forth in the Code of Maryland Regulations. To insure that impacts to resources are avoided and minimized to the maximum extent possible and to insure that all work is performed in accordance with critical area and local regulations, the Department has recommended a number of special conditions. Provided all general and special conditions are adhered to, the work proposed will not cause significant deleterious impacts to marsh vegetation, submerged aquatic vegetation, finfish, shellfish, or navigation.

**Project Justification:** In consideration of the site characteristics and the nature of the proposed work, the Department concludes that the application represents a reasonable exercise of riparian rights.



## SPECIAL CONDITIONS:

- A. The Maryland Department of the Environment has determined that the proposed activities comply with, and will be conducted in a manner consistent with the State's Coastal Zone Management Program, as required by Section 307 of the Federal Coastal Zone Management Act of 1972, as amended.
- B. The Licensee shall comply with all Critical Area requirements and obtain all necessary authorizations from local jurisdiction. This License does not constitute authorization for disturbance in the 100-foot Critical Area Buffer. "Disturbance" in the Buffer means clearing, grading, construction activities, or removal of any size of tree or vegetation. Any anticipated Buffer disturbance requires prior written approval, before commencement of land disturbing activity, from local jurisdiction in the form of a Buffer Management Plan.
- C. If the authorized work is not performed by the property owner, all work performed under this Tidal Wetlands License shall be conducted by a marine contractor licensed by the Marine Contractors Licensing Board (MCLB) in accordance with Title 17 of the Environment Article of Annotated Code of Maryland. A list of licensed marine contractors may be obtained by contacting the MCLB at 410-537-3249, by e-mail at MDE.MCLB@maryland.gov or by accessing the Maryland Department of the Environment, Environmental Boards webpage.
- D. The Licensee shall not perform any dredging during the period of February 15<sup>th</sup> through June 15<sup>th</sup> of any year due to migrating yellow perch in the area.
- E. The Licensee shall obtain sediment core samples (not to exceed 100 total) from locations and depths representative of the entire dredge project area, upon consultation with MDE. The Licensee shall have dredged material samples analyzed by an independent, National Environmental Laboratory Accreditation Program (NELAP)-certified lab. Samples shall be analyzed using the following standard US EPA methods:
  - 1. All samples shall be field screened for VOCs with a photoionization detector, and if VOCs are detected, samples shall be analyzed via method 8260D.
  - 2. Metals - method 6010C
  - 3. PCBs 8082
  - 4. SVOCs via 8270D
  - 5. Total Petroleum Hydrocarbons 8015B
  - 6. Oil and Grease 9071B
  - 7. Mercury 7471A, 7470a
  - 8. Cyanide 9012A
  - 9. Hexavalent Chromium 7196A
- F. The Licensee shall submit a scientific summary report to MDE and The Maryland Port Administration (MPA) for review. Licensee shall then provide MPA acceptance letter to MDE.
- G. The Licensee may proceed with dredging, subject to all other terms and conditions of this License, only after obtaining MPA approval of the submitted sediment analysis and MDE's approval of same or if MDE fails to respond in 14 days.
- H. The Licensee shall use a sealed "environmental" bucket to minimize sediment release into the water column, during all dredging operations.
- I. The Licensee shall transport all dredged material in watertight barges. No dredged material shall be discharged into the waters of the State.

J. The Licensee shall conduct subsequent maintenance dredging within the scope of this license in terms of authorized dredge area and authorized depths. The licensee shall:

- Dredge no more than 500 cubic yards of material at each maintenance dredging.
- Comply with all applicable conditions of this license.
- Submit a detailed dredged material disposal plan to be approved by the Water Management Administration, Tidal Wetlands Division prior to the start of dredging.
- Notify and receive approval from the Water and Science Administration Compliance Program a minimum of 10 days prior to the start of each maintenance dredging operation.

K. The Licensee shall conduct a post dredge bathymetric survey and forward to the Water and Science Administration, Tidal Wetlands Division within 45 days after the termination of any phase of dredging.

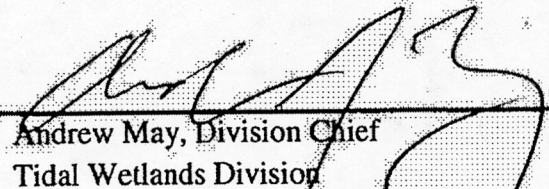
DEPARTMENT OF THE ENVIRONMENT APPROVAL:



Robert Rushlow, Natural Resource Planner  
Tidal Wetlands Division

7/12/18

DATE



Andrew May, Division Chief  
Tidal Wetlands Division

7/13/18

DATE

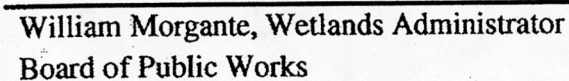


D. Lee Currey, Director  
Water and Science Administration

7/13/18

DATE

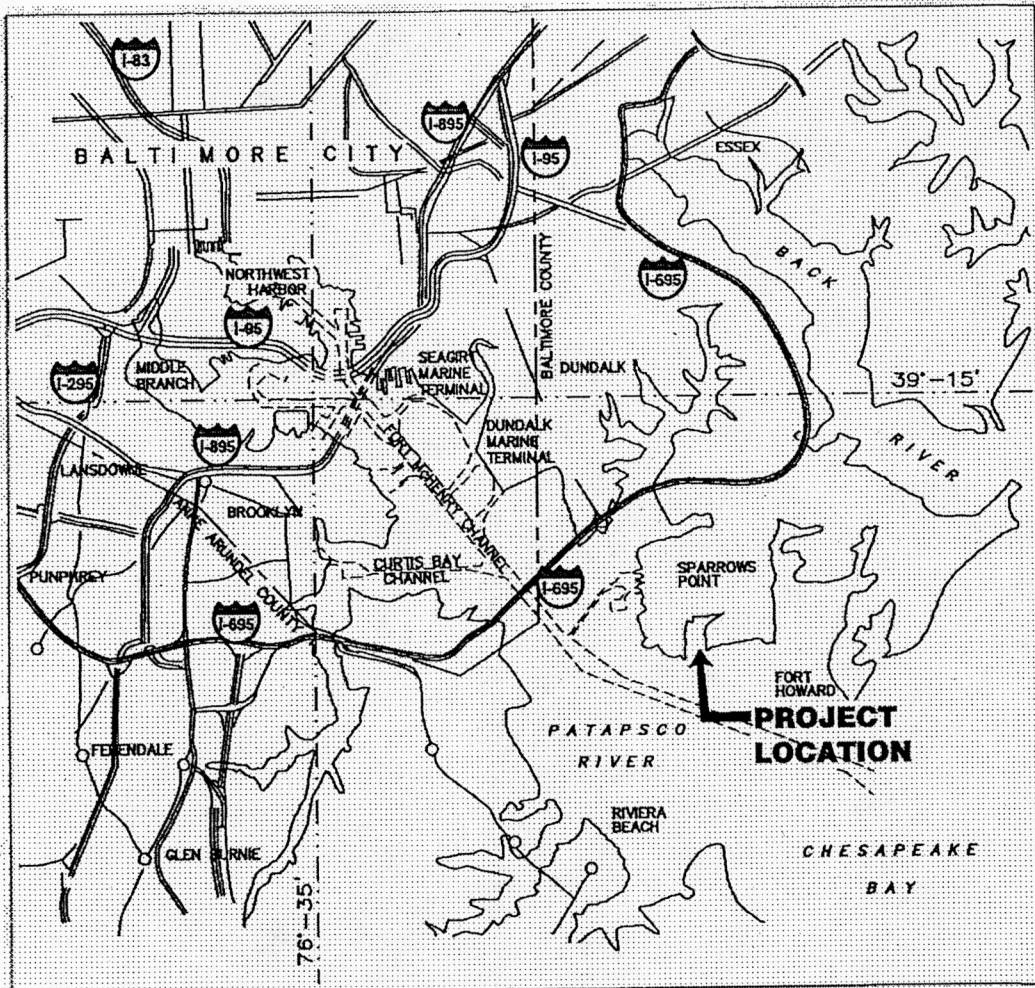
WETLANDS ADMINISTRATION CONCURRENCE:



William Morgante, Wetlands Administrator  
Board of Public Works

DATE





**VICINITY MAP**  
NOT TO SCALE

APPLICATION BY:  
TRADEPOINT ATLANTIC  
1600 SPARROWS POINT BLVD.  
BALTIMORE, MARYLAND 21219

AGENT:



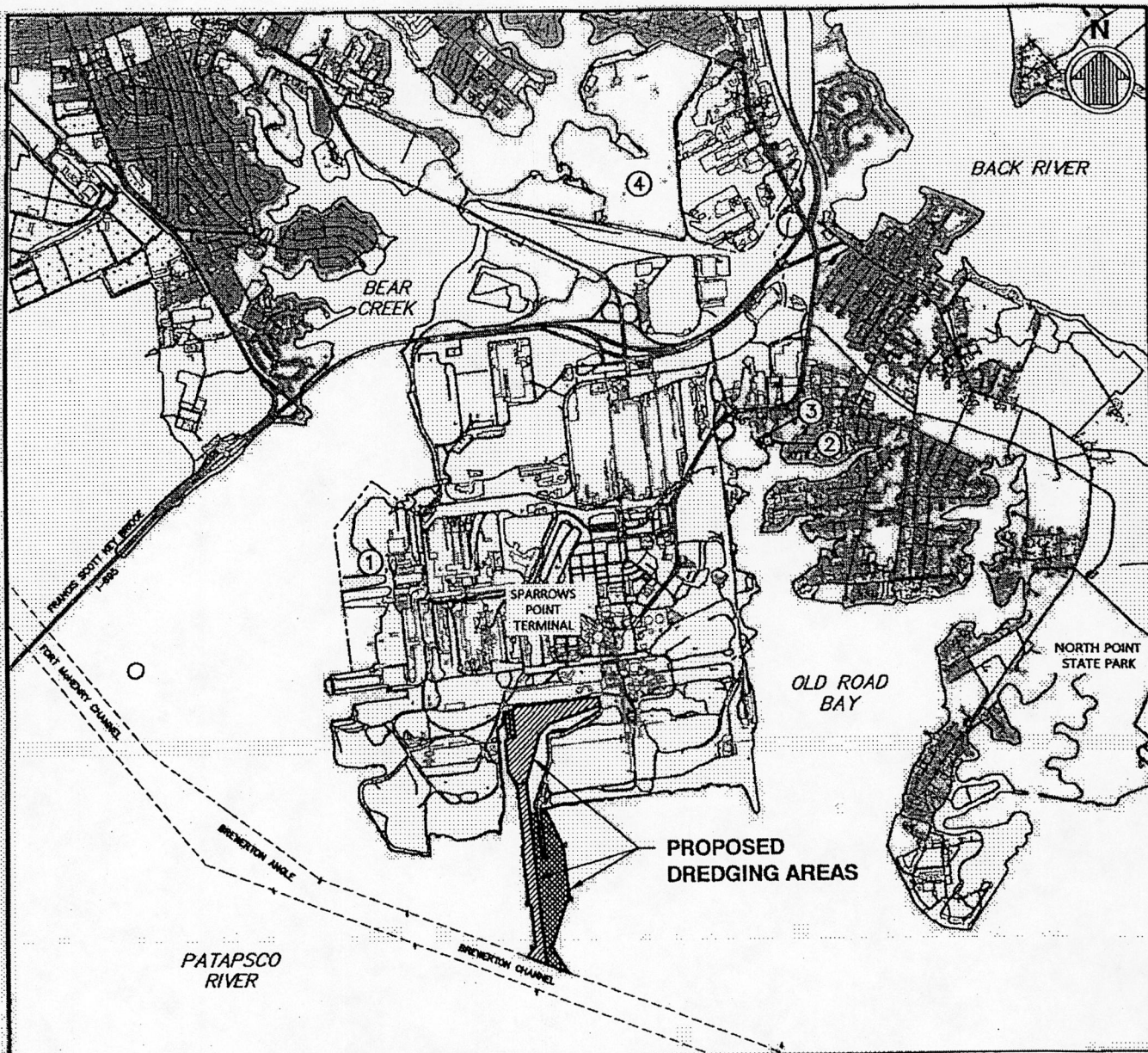
**SPARROWS POINT TERMINAL  
MAINTENANCE DREDGING**

PROJECT LOCATION:  
PATAPSCO RIVER  
BALTIMORE, MARYLAND

**13-WL-0966(R2)**  
**201361758**  
**RI 141713**

DATE: JUNE 7, 2017  
REVISED: APRIL 02, 2018

SHEET 1 OF 10



### LOCATION MAP

#### ADJACENT PROPERTIES

- ① SPS LIMITED PARTNERSHIP LLP / SPS 35 LLC, 600 SHIPYARD RD, BALTIMORE MD, 21219
- ② CHESAPEAKE LIFE LLC, 2533 SCHOOL HOUSE LN, BALTIMORE MD, 21219
- ③ WEBER FRANK P W, 2716 LODGE FOREST DR, BALTIMORE MD, 21219
- ④ SPARROWS POINT COUNTRY CLUB INC, 919 WISE AVE, BALTIMORE MD, 21222

13-WL-0966(R2)

APPLICATION BY:  
TRADEPOINT ATLANTIC  
1600 SPARROWS POINT BLVD.  
BALTIMORE, MARYLAND 21219

AGENT:

**NMP**  
ENGINEERING CONSULTANTS, INC.

### SPARROWS POINT TERMINAL MAINTENANCE DREDGING

PROJECT LOCATION:  
PATAPSCO RIVER  
BALTIMORE, MARYLAND

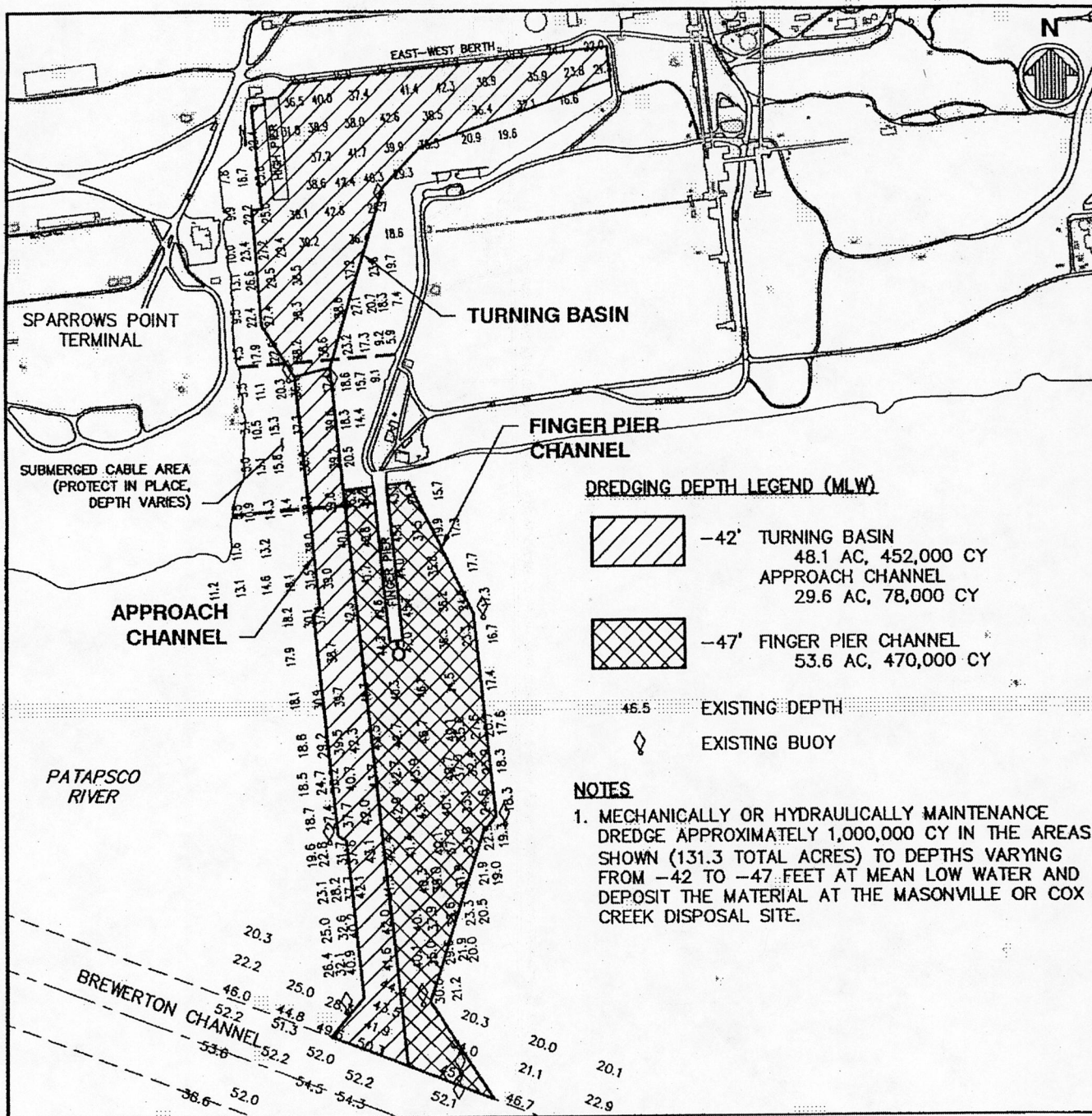
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AI 141713  
DATE: JUNE 7, 2017  
REVISED: APRIL 02, 2018

SHEET 2 OF 10





### DREDGING PLAN

#### DATUM

MEAN LOW WATER (MLW) = 0.0  
SOUNDINGS IN FEET

APPLICATION BY:  
TRADEPOINT ATLANTIC  
1600 SPARROWS POINT BLVD.  
BALTIMORE, MARYLAND 21219

AGENT:

**NMP**  
ENGINEERING CONSULTANTS, INC.

SPARROWS POINT TERMINAL  
MAINTENANCE DREDGING

13-WL-0966(R2)

PROJECT LOCATION:  
PATAPSCO RIVER  
BALTIMORE, MARYLAND

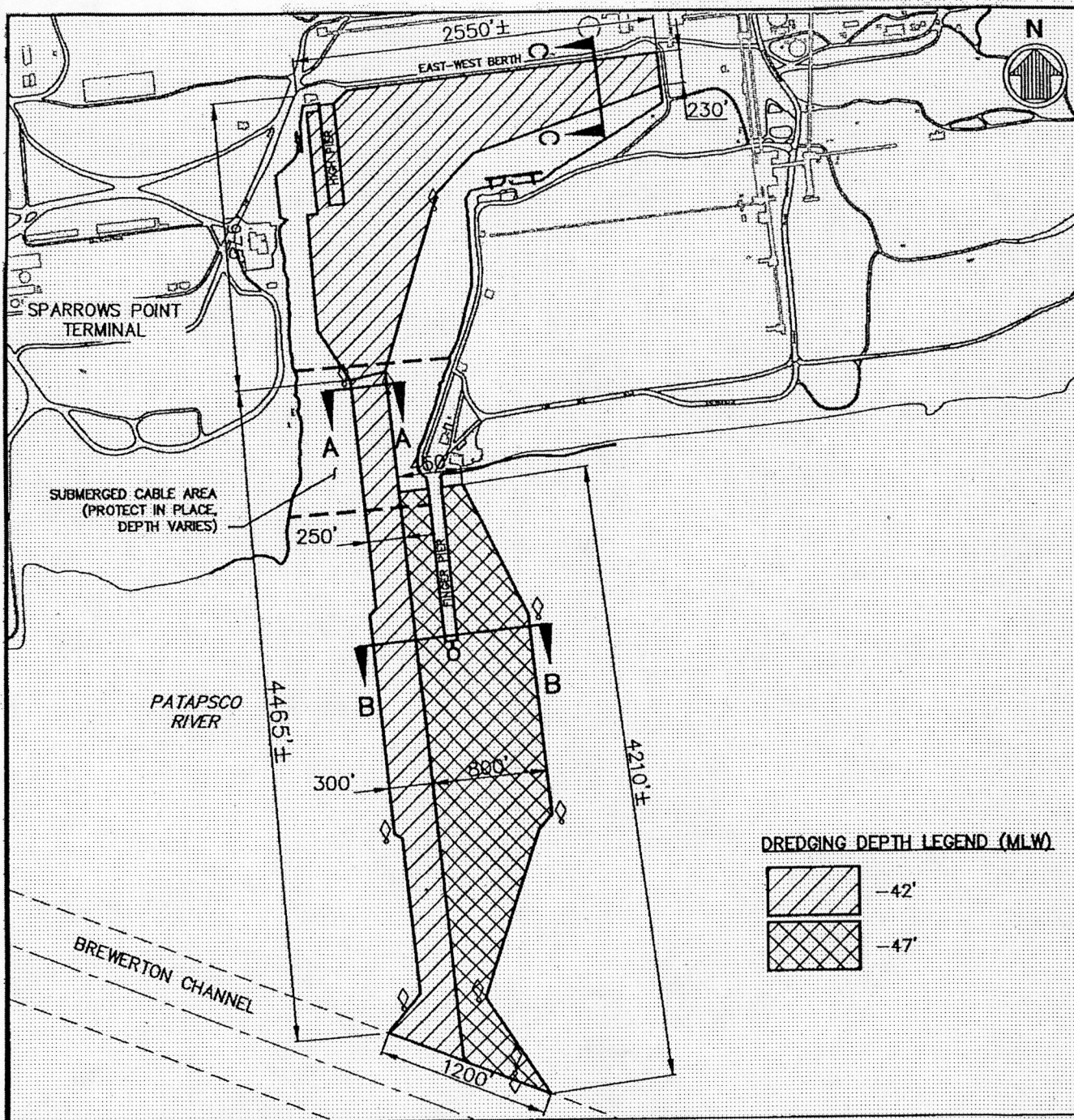
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DATE: JUNE 7, 2017  
REVISED: APRIL 02, 2018

SHEET 3 OF 10

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#### NOTES

1. FOR SECTIONS, SEE SHEETS 5 & 6.
2. FOR EXISTING WATER DEPTHS, SEE SHEET 3.

#### DREDGING SECTIONS

#### DATUM

MEAN LOW WATER (MLW) = 0.0  
SOUNDINGS IN FEET

APPLICATION BY:  
TRADEPOINT ATLANTIC  
1600 SPARROWS POINT BLVD.  
BALTIMORE, MARYLAND 21219

AGENT:

**NMP**  
ENGINEERING CONSULTANTS, INC.

SPARROWS POINT TERMINAL  
MAINTENANCE DREDGING

13-WL-0966 (R2)

PROJECT LOCATION: 201361758  
PATAPSCO RIVER  
BALTIMORE, MARYLAND AI141713

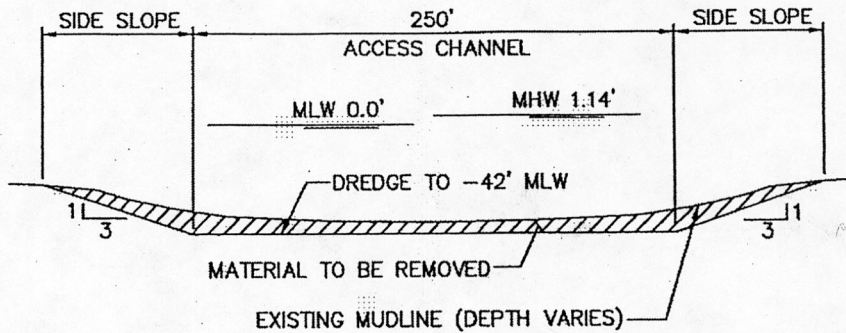
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REVISED: APRIL 02, 2018

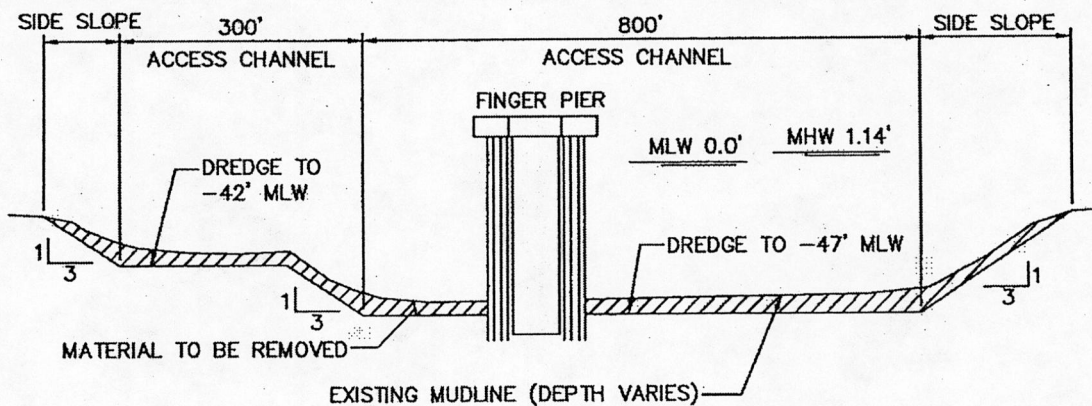
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**TYPICAL SECTION A-A**  
NOT TO SCALE



**TYPICAL SECTION B-B**  
NOT TO SCALE

APPLICATION BY:  
TRADEPOINT ATLANTIC  
1600 SPARROWS POINT BLVD.  
BALTIMORE, MARYLAND 21219

AGENT:



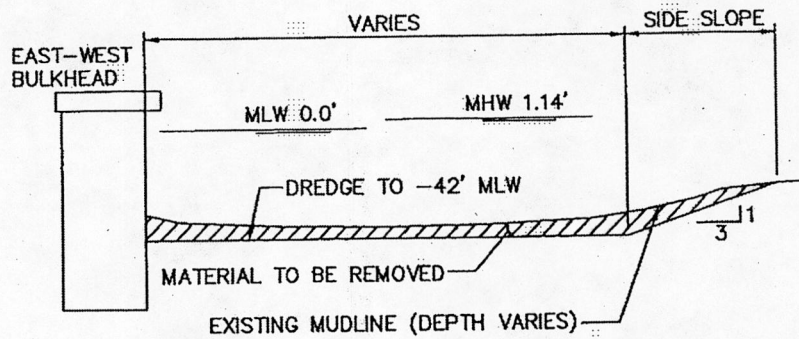
SPARROWS POINT TERMINAL  
MAINTENANCE DREDGING

PROJECT LOCATION:  
PATAPSCO RIVER  
BALTIMORE, MARYLAND

13-WL-0966(R2)  
201361758  
AI 141713

DATE: JUNE 7, 2017  
REVISED: APRIL 02, 2018

SHEET 5 OF 10



**TYPICAL SECTION C-C**  
NOT TO SCALE

APPLICATION BY:  
TRADEPOINT ATLANTIC  
1600 SPARROWS POINT BLVD.  
BALTIMORE, MARYLAND 21219

AGENT:



**SPARROWS POINT TERMINAL  
MAINTENANCE DREDGING**

PROJECT LOCATION:  
PATAPSCO RIVER  
BALTIMORE, MARYLAND

**13-WL-0966 (R2)**  
**2013 61758**  
**AI 141213**

DATE: JUNE 7, 2017  
REVISED: APRIL 02, 2018

SHEET 6 OF 10

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TYPICAL BORING PROCEDURES

1. CONSTRUCTION ACCESS TO BORING SITES WILL BE BY WATER.
2. DRILLING SHALL BE ACCOMPLISHED USING HOLLOW STEM AUGERS.
3. DRILLING DEPTH SHALL VARY BASED ON LOCATION AND PURPOSE OF INVESTIGATION.
4. TESTING MAY INCLUDE PHYSICAL AND CHEMICAL SOIL CHARACTERIZATION, STANDARD PENETRATION TESTS TO EVALUATE SOIL STRENGTH, UNDISTURBED 3-INCH DIAMETER SHELBY TUBES SAMPLES FOR SOIL CLASSIFICATION, AND IN-SITU VANE SHEAR TESTS.
5. SOIL SAMPLES COLLECTED FOR LABORATORY ANALYSIS SHALL BE DISPOSED OF PROPERLY PER STANDARD LABORATORY PROCEDURES.

APPLICATION BY:  
TRADEPOINT ATLANTIC  
1600 SPARROWS POINT BLVD.  
BALTIMORE, MARYLAND 21219

AGENT:



SPARROWS POINT TERMINAL  
MAINTENANCE DREDGING

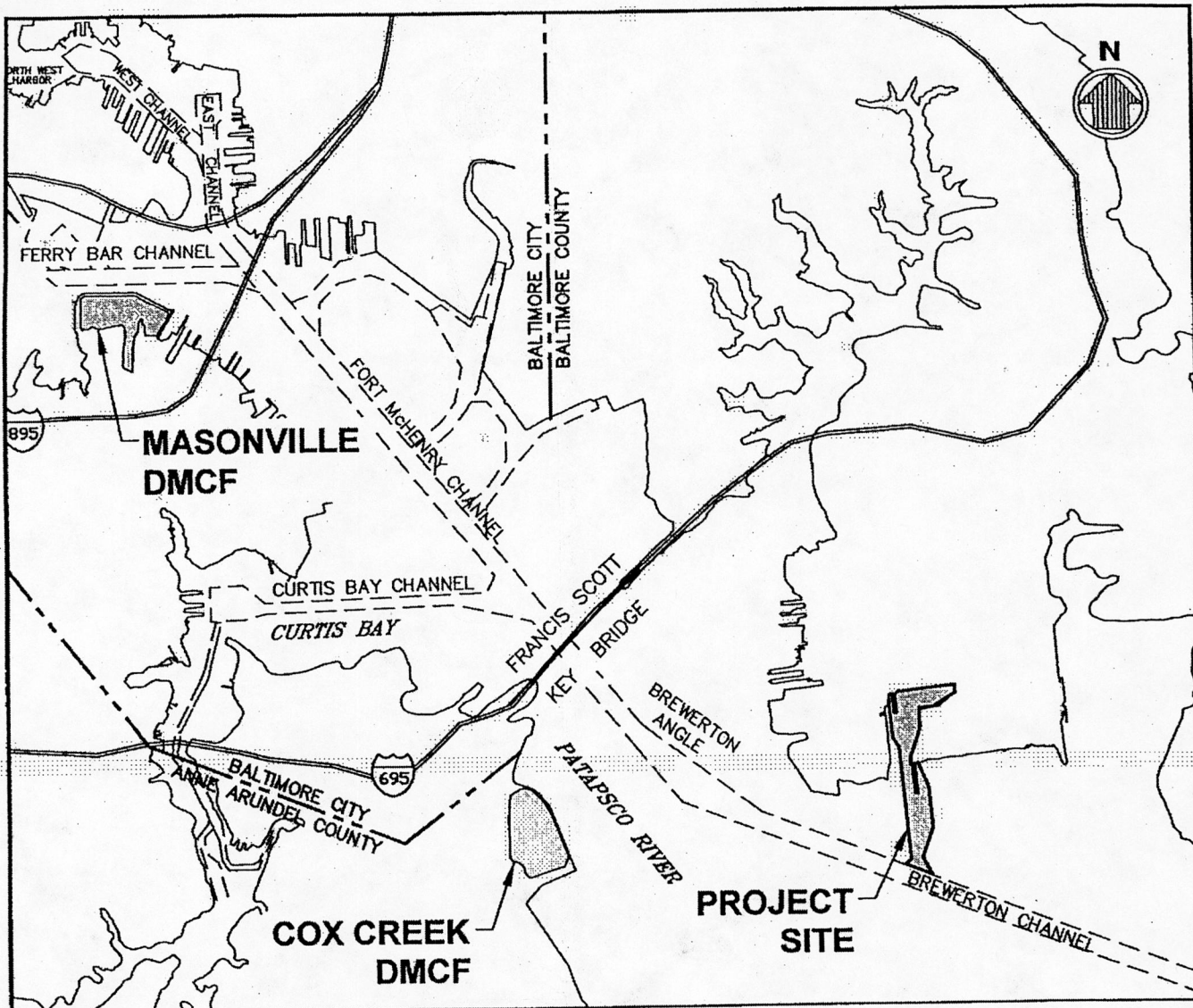
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PATAPSCO RIVER  
BALTIMORE, MARYLAND

13-WL-0966(R2)  
2013 61758  
AI 141713

DATE: JUNE 7, 2017  
REVISED: APRIL 02, 2018

SHEET 7 OF 10

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DISPOSAL SITE LOCATION MAP

APPLICATION BY:  
TRADEPOINT ATLANTIC  
1600 SPARROWS POINT BLVD.  
BALTIMORE, MARYLAND 21219

AGENT:



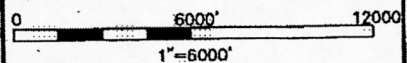
SPARROWS POINT TERMINAL  
MAINTENANCE DREDGING

13-WL-0966(R2)

201361758

At 141713

PROJECT LOCATION:  
PATAPSCO RIVER  
BALTIMORE, MARYLAND

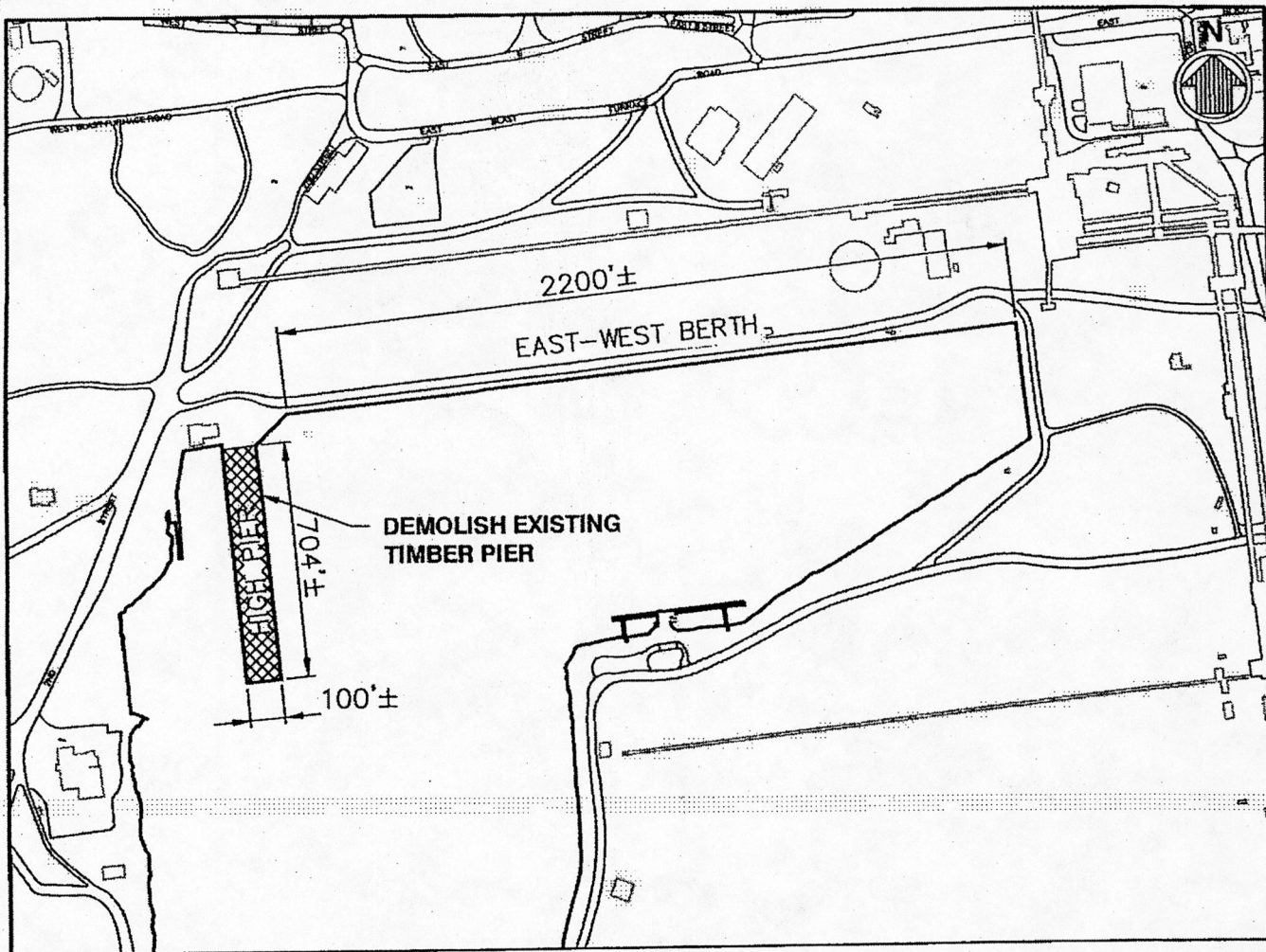


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SHEET 8 OF 10

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## PIER DEMOLITION PLAN

### NOTES

1. DEMOLISH EXISTING TIMBER HIGH PIER  
(APPROXIMATELY 70,400 SF)

### LEGEND



DEMOLITION

### DATUM

MEAN LOW WATER (MLW) = 0.0  
SOUNDINGS IN FEET

APPLICATION BY:  
TRADEPOINT ATLANTIC  
1600 SPARROWS POINT BLVD.  
BALTIMORE, MARYLAND 21219

AGENT:



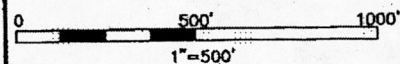
SPARROWS POINT TERMINAL  
MAINTENANCE DREDGING

13-WL-0966(R2)

201361758

AI 141713

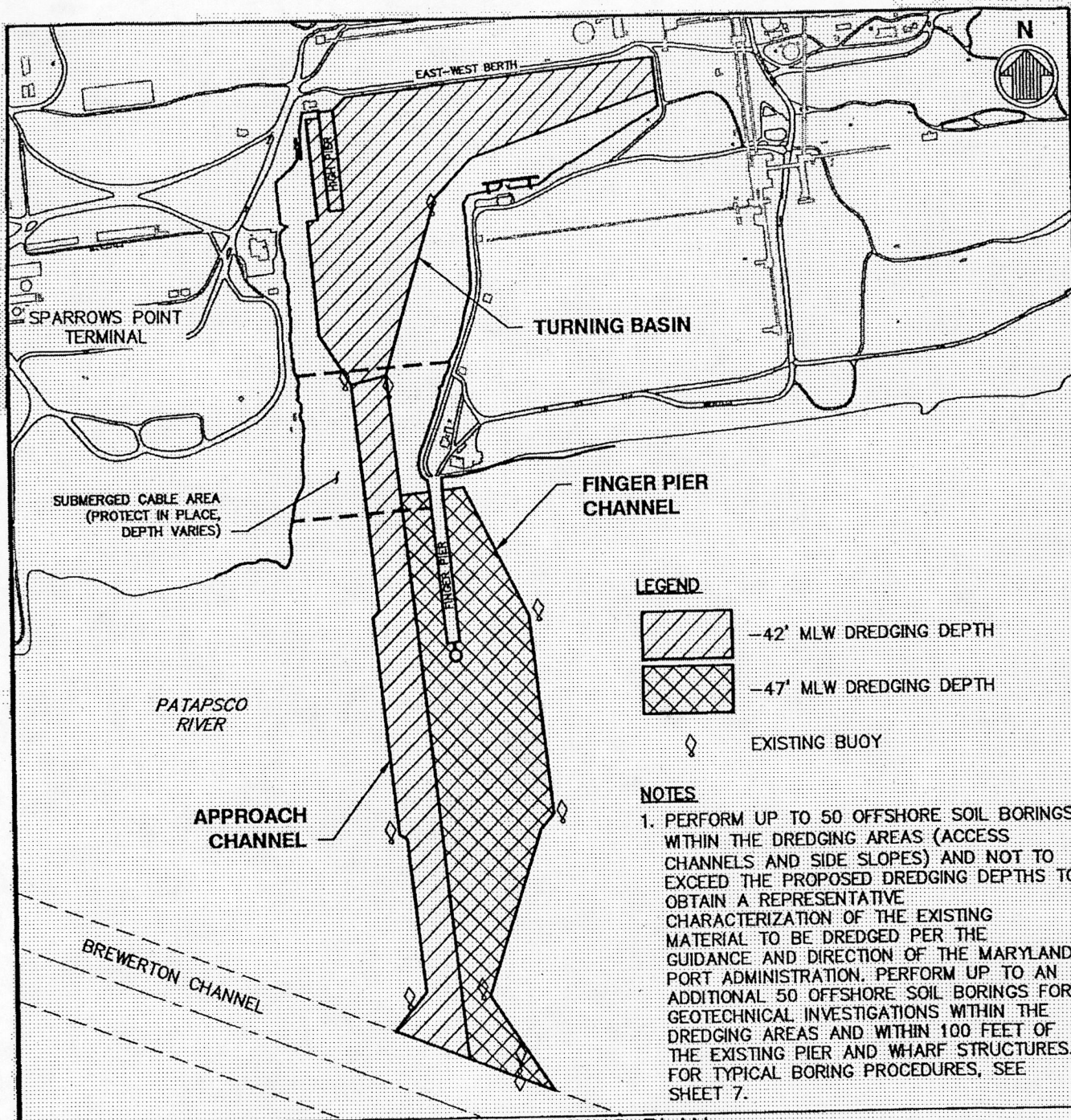
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BALTIMORE, MARYLAND



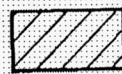
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REVISED: APRIL 02, 2018

SHEET 9 OF 10

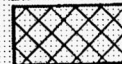
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#### LEGEND



-42' MLW DREDGING DEPTH



-47' MLW DREDGING DEPTH



EXISTING BUOY

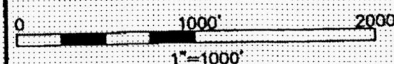
#### NOTES

1. PERFORM UP TO 50 OFFSHORE SOIL BORINGS WITHIN THE DREDGING AREAS (ACCESS CHANNELS AND SIDE SLOPES) AND NOT TO EXCEED THE PROPOSED DREDGING DEPTHS TO OBTAIN A REPRESENTATIVE CHARACTERIZATION OF THE EXISTING MATERIAL TO BE DREDGED PER THE GUIDANCE AND DIRECTION OF THE MARYLAND PORT ADMINISTRATION. PERFORM UP TO AN ADDITIONAL 50 OFFSHORE SOIL BORINGS FOR GEOTECHNICAL INVESTIGATIONS WITHIN THE DREDGING AREAS AND WITHIN 100 FEET OF THE EXISTING PIER AND WHARF STRUCTURES. FOR TYPICAL BORING PROCEDURES, SEE SHEET 7.

#### SEDIMENT BORING PLAN

#### DATUM

MEAN LOW WATER (MLW) = 0.0  
SOUNDINGS IN FEET



APPLICATION BY:  
TRADEPOINT ATLANTIC  
1600 SPARROWS POINT BLVD.  
BALTIMORE, MARYLAND 21219

AGENT:

**NMP**  
ENGINEERING CONSULTANTS, INC.

#### SPARROWS POINT TERMINAL MAINTENANCE DREDGING

13-WL-0966(R2)

PROJECT LOCATION: 201361758  
PATAPSCO RIVER  
BALTIMORE, MARYLAND AT 141713

DATE: JUNE 7, 2017  
REVISED: APRIL 02, 2018

SHEET 10 OF 10

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